

Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

(IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/21/08 00:00 CST	0	Heavy Snow
01/22/08 03:00 CST	0	

Low pressure moved from the central Plains toward the Ohio Valley and produced widespread snow across the Upper Midwest on January 21. In northeast Iowa, highest snowfall totals were between 6 and 8 inches. Specific reports from weather observers included 7.8 inches at Waukon (Allamakee County) and 7.2 inches at Fayette (Fayette County).

(IA-Z030) CLAYTON

01/16/08 19:00 CST	0	Heavy Snow
01/17/08 14:00 CST	0	

Low pressure moving from Missouri into Wisconsin on January 17 brought snow to northeast Iowa, with highest amounts near the Mississippi River. Specific reports from volunteer weather observers included 7.0 inches near Monona (Clayton County), 6.8 inches near Elkader (Clayton County) and 6.5 inches at Edgewood (Clayton County).

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE

01/29/08 06:00 CST	0	Winter Storm
01/29/08 20:00 CST	0	

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW

01/29/08 09:30 CST	0	Blizzard
01/29/08 18:00 CST	0	

An arctic cold front swept across northeast Iowa during the morning of January 29. Even though this system was accompanied by snow accumulations of generally less than two inches, strong northwest wind gusts of 40 to 50 mph caused considerable blowing snow. This produced blizzard conditions very quickly over parts of the area. In Decorah (Winneshiek County), the temperature plummeted from 43F at midnight on the 29th to -8F by midnight on January 30. Similar large temperature drops were recorded throughout the area, which hadn't occurred since January 18, 1996.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/29/08 19:00 CST	0	Extreme Cold/Wind Chill
01/30/08 12:00 CST	0	

An arctic cold front moved across northeast Iowa on January 29. Very cold temperatures and strong northwest winds combined to produce dangerously cold wind chill values between 30 below and 45 below during the night and into the morning hours of January 30.

MINNESOTA, Southeast

(MN-Z088) WINONA, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

01/21/08 04:35 CST	0	Heavy Snow
01/22/08 01:35 CST	0	

(MN-Z087) OLMSTED

01/21/08 13:20 CST	0	Winter Weather
01/21/08 13:20 CST	0	

Low pressure moved from the central Plains toward the Ohio Valley and produced widespread snow across the Upper Midwest on January 21. In southeast Minnesota, highest snowfall totals reached around 8 inches. Specific reports from weather observers included 8.2 inches near La Crescent (Houston County) and 8.0 inches near Houston (Houston County).

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE

01/29/08 05:15 CST	0	Winter Storm
01/29/08 20:00 CST	0	

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(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z094) MOWER				
	01/29/08 09:15 CST		0	Blizzard
	01/29/08 19:00 CST		0	
<p>An arctic cold front swept across southeast Minnesota during the morning of January 29. This system was accompanied by snow, with highest accumulations of 2 to 5 inches mainly along and north of a line from Austin (Mower County) to Wabasha (Wabasha County). Strong northwest wind gusts of 40 to 50 mph caused considerable blowing snow. In fact, blizzard conditions were reported in some locations such as Dodge Center (Dodge County), Rochester (Olmsted County) and Austin (Mower County). Conditions became dangerous very quickly as the snow started and winds dramatically increased. In Rochester, the temperature plummeted from 40F at midnight on the 29th to -12F shortly after 11 p.m. in the evening. This 52 degree drop tied a record for the sixth largest temperature change in a calendar day and was the largest temperature change in a calendar day since January 18, 1996.</p>				
(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON				
	01/29/08 19:00 CST		0	Extreme Cold/Wind Chill
	01/30/08 12:00 CST		0	
<p>An arctic cold front moved across southeast Minnesota on January 29. Very cold temperatures and strong northwest winds combined to produce dangerously cold wind chill values between 30 below and 50 below during the night and into the morning hours of January 30.</p>				
WISCONSIN, Southwest				
GRANT COUNTY --- SINSINAWA [42.52, -90.53]				
	01/07/08 06:39 CST		0	Hail (0.75 in)
	01/07/08 06:39 CST		0	Source: Post Office
<p>A Postal Service employee reported driving through a lot of hail, some of which was up to the size of pennies.</p>				
GRANT COUNTY --- HAZEL GREEN [42.53, -90.43]				
	01/07/08 06:45 CST		0	Hail (0.75 in)
	01/07/08 06:45 CST		0	Source: Post Office
<p>A Postal Service employee reported hail near Hazel Green penny sized or slightly larger.</p>				
<p>Low pressure moving along a cold front triggered scattered thunderstorms during the early morning of January 7. A few of the storms produced hail the size of pennies.</p>				
(WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT				
	01/21/08 02:00 CST		0	Heavy Snow
	01/22/08 03:00 CST		0	
<p>Low pressure moved from the central Plains toward the Ohio Valley and produced widespread snow across the Upper Midwest on January 21. In southwest and central Wisconsin, highest snowfall totals were between 8 and 9 inches. Specific reports from weather observers included 8.8 inches near West Salem (La Crosse County), 8.6 inches near Tunnel City (Monroe County) and 8.5 inches at Cuba City (Grant County).</p>				
(WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z061) GRANT				
	01/16/08 20:00 CST		0	Heavy Snow
	01/17/08 17:00 CST		0	
<p>Low pressure moving from Missouri into Wisconsin on January 17 brought snow to southwest and central Wisconsin. Highest amounts ranged between 7 and 9 inches. Specific reports from volunteer weather observers included 8.8 inches at Hillsboro (Vernon County), 8.2 inches at Gays Mills (Crawford County) and 8.0 inches at both Patch Grove and Wyalusing (Grant County).</p>				
(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS				
	01/29/08 10:00 CST		0	Winter Storm
	01/29/08 20:00 CST		0	

Storm Data and Unusual Weather Phenomena - January 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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An arctic cold front swept across southwest and central Wisconsin during the day on January 29. This system was accompanied by snow, with highest accumulations of 2 to 5 inches along and north of a line from Alma (Buffalo County) to Neillsville (Clark County). Strong northwest winds gusting to around 40 mph caused considerable blowing snow. Temperatures plummeted across the entire area, with numerous locations experiencing over a 50 degree temperature drop for the calendar day. For example, at La Crosse (La Crosse County), the temperature plunged from 43F at 2 a.m. on the 29th to -10F by midnight on January 30. This 53 degree drop tied a record for the all-time largest temperature change in a calendar day, which was previously established on February 17, 1874.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT	01/29/08 21:00 CST	0	Extreme Cold/Wind Chill
	01/30/08 15:00 CST	0	

An arctic cold front moved across southwest and central Wisconsin on January 29. Very cold temperatures and strong northwest winds combined to produce dangerously cold wind chill values between 30 below and 45 below during the night and mainly into the morning hours of January 30.